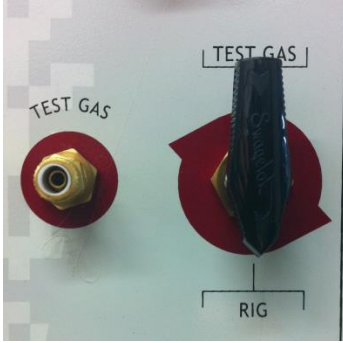


Quick Reference Troubleshooting Guide

Problem	Cause	Remedy
I'm Alive isn't blinking	MLogger is still booting up	Wait 5 minutes on a fresh start. If the MLogger was turned off incorrectly it can take up to 15 minutes. Be Patient.
	The light is burned out	If the MLogger is still functioning correctly, switch out after your current well and contact Terra for a replacement
	The Hard Drive is damaged	Contact Terra for further assistance.
WITS is flashing ERROR	The NULL Modem Cable is unplugged or bad	Plug in the NULL Modem Cable or replace as needed
	The wrong port is selected in TControl	Verify the serial port the null modem cable is plugged into and the port selected in TControl(COM 1-front, COM2-back)
	The wrong EDR is selected in TControl	Verify your EDR selection and change accordingly
	The EDR quit sending packets to the MLogger	Open WITSWIZ in TControl and verify no packets are being sent. Contact your EDR Field Tech for assistance.
Internet won't work when connected to the MLogger	Your Ethernet Cable is plugged into the wrong port	Verify that the Ethernet Cable with the Internet signal is plugged into the RED port on the back of the MLogger
	You switched your Internet provider, i.e. went from Pason to Satellite	Reboot the Internal MLogger router to obtain a new IP address
	There is a service interruption in with the internet provider	Contact the Internet Provider
	The router in the MLogger is bad	Unplug the Ethernet cable from the MLogger and connect directly to your PC. Contact Terra for further assistance.
TControl keeps disconnecting	The MLogger has received a bad packet	Reboot the MLogger at your earliest convenience
	There is corrupt data in your local files	DISCONNECT, then delete all your local TControl data files in TControl, under FILE → FILE UTILITIES and reconnect
	There is a lose connection with the cable from your PC to the MLogger	Check the cable is plugged in and tight. If it still continues, switch to a different BLUE Ethernet port on the MLogger
One of the Filaments won't adjust	Total gas is stuck on the TCD filament	Refer to tab in TControl under TOOLS named FILAMENT RESET for further instructions
	Filament potentiometer is adjusted incorrectly	Turn the potentiometer counter-clockwise all the way until it stops. Turn it 4-6 complete turns clockwise or until the filament begins to adjust
	The filament is not sealed properly	Verify the filament is screwed securely to the block. DO NOT over tighten.
	The Molex connector is unplugged	Plug in the Molex Connector to the corresponding filament, and make sure the pins line up correctly between the Molex connector and filament.
Erratic gas readings	A Molex connector has become loose	Reseat the Molex connector on the filament with the issue. Caution- DO NOT pull the wires on the connector
	The filament has gone bad	Open MLogger, remove filament, and inspect for cracks, discoloration, or breaks and replace if bad filament
	There is air or a leak in your poly flow from your trap	Turn your flow from Rig to Zero Air to verify the readings stabilize. If they do, check your ploy line.
	The Filament has gone bad	Inspect the filament and replace as needed
Flow rates won't adjust	The Carrier Air Filter is plugged	Change the filter with the spare located inside the MLogger
	Sample Line is Plugged/Exhaust Lines are frozen	Remove poly lines for the back of the MLogger and replace as needed
	The bead on the flow meter is stuck	Refer to the main Troubleshooting Guide to fix

Terra SLS, Inc. <http://www.TerraSLS.com>
 2521 Weslo Ave. Grand Junction CO, 81505
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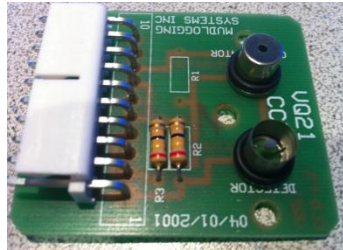
TEST GAS Port on the FRONT of the MLogger
 This Port is for 1% Blend Test Gas ONLY
 and is used for Chromat Calibration
 The valve must be turned from RIG to TEST GAS



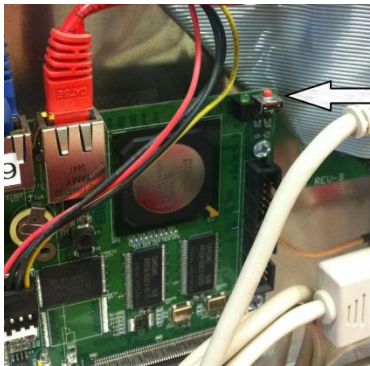
Sample IN Port on the REAR of MLogger
 This port is for 1% Methane, 100% Methane
 and 10% CO2 Test Gas.



Thermal Conductivity Filament
 TCD



Catalytic Combustion Filament
 CCD/ GC



Router Reboot
 Button



LAN Ports
 Local Area Network
 These Ports are for the connection
 from your PC to the MLogger

WAN Port
 Wide Area Network
 This port is for your connection to
 the Internet via EDR or Satellite